

Patent claims

1. A cosmetic and dermatological agent containing magnetic particles comprising 0.0001 to 2 wt. % of magnetically hard particles, selected from the group consisting of barium hexaferrite single crystals, strontium hexaferrite single crystals, samarium-cobalt particles (SmCo) and neodymium-iron-boron particles ($\text{Nd}_2\text{Fe}_{14}\text{B}$), the particle size ranging between 80 and 550 nm in each case and the particles' coercive force ranging from 80,000 to 1,600,000 A/m;
and 0.0001 to 0.05 wt. % of a ground jade stone the particle size of which ranges between 50 and 95 nm;
and cosmetic or dermatological auxiliary and carrier substances up to 100 wt. %.
2. An agent according to claim 1, wherein said magnetically hard particles are incorporated in liposomes, asymmetric lamellar aggregates or mixtures thereof in a gel.
3. An agent according to claim 1, wherein said agent additionally contains asymmetric lamellar aggregates loaded with oxygen.
4. An agent according to claim 1, wherein the share of jade stone is in the range of 0.002 to 0.02 wt. %.
5. An agent according to claim 1, wherein said agent further contains 0.1 to 10 wt. % of a cosmetically acceptable solid electret with a particle size ranging between 0.05 and 100 μm , said electret having an induced permanent dipole moment and a permanent electric field whose field strength ranges between 500 and 10^7 Vm^{-1} .
6. An agent according to claim 5, wherein said electret is polytetrafluoroethylene (PTFE), fluoroethylenepropylene, polyvinylidene fluoride, amorphous fluoropolymer, tourmaline or a mixture thereof, preferably PTFE.

Attorney Docket 3975.049		Patent Application
--------------------------	--	--------------------

7. An agent according to claim 1, wherein said agent contains a mixture of jade and malachite.

8. A method for producing a cosmetic or dermatological agent containing magnetic particles according to claim 1, wherein a mixture of magnetically hard particles, jade particles, one or several fluorocarbon(s), one or several phospholipid(s), water, one or several monovalent and polyvalent alcohols and a gel-forming substance is prepared, and the gel obtained is mixed with further cosmetic auxiliary, carrier or active substances or mixtures thereof at a temperature ranging between 28 and 42°C, without increasing the temperature above 42°C.

9. The topical cosmetic use of a mixture of magnetically hard single crystals of barium hexaferrite or strontium hexaferrite with a particle size of 50-550 nm, said single crystals making up 0.001 to 2 wt. %, together with ground jade stone with a particle size of 30-95 nm, jade making up 0.0001 to 0.05 wt. %, and cosmetic auxiliary substances for increasing microcirculation, the local regulation of microcirculation and the immune defence to values which are at least 15 % above those achieved by a comparative preparation containing the same amount of magnetically hard single crystals alone.

10. The topical dermatological use of a mixture of magnetically hard single crystals of barium hexaferrite or strontium hexaferrite with a particle size of 50-550 nm, said single crystals making up >2 to 6 wt. %, together with ground jade with a particle size of 30-95 nm, jade making up 0.05 to 3 wt. %, and dermatological auxiliary substances for producing a preparation to values which are at least 20 % above those achieved by a comparative preparation containing the same amount of magnetically hard single crystals alone.